Renumbered Claims

Application No.: 09/757,049 2 Docket No.: 220022001720
Client Ref: UCSF 98-008-3

AMENDMENTS

In the Claims

Claims 1-56 (cancelled)

Claim ~~57~~ 1 (previously presented): A vector comprising an hCdc5 binding site nucleic acid selected from the group consisting of SEQ ID NO:13, SEQ ID NO:14, SEQ ID NO:15, SEQ ID NO:16, SEQ ID NO:20, SEQ ID NO:21, SEQ ID NO:22 and SEQ ID NO:27 operably linked to a nucleic acid encoding a protein of interest.

Claim ~~58~~ 3 (original): The vector of claim ~~57~~ 1, wherein said protein of interest is a reporter protein.

Claim ~~59~~ 2 (original): A method of expressing a protein of interest in a cell which expresses hCdc5 comprising:

introducing the vector of claim ~~57~~ 1 into said cell under conditions in which the hCdc5 expressed in said cell activates the transcription of said coding sequence for said protein of interest.

Claim ~~60~~ 4 (original): A method for detecting the presence of hCdc5 in a cell comprising:

introducing the vector of claim ~~58~~ 3 into said cell and detecting the expression of said reporter protein.

Claim 61 (original): The method of claim 60, wherein said reporter protein is luciferase.

Claims 62-65 (cancelled)

Claim 66 (previously presented): The vector of claim 51, wherein the hCdc5 binding site nucleic acid is SEQ ID NO:13.

Claim 67 (previously presented) : The vector of claim 51, wherein the hCdc5 binding site nucleic acid is SEQ ID NO:14.

Claim 68 (previously presented): The vector of claim 51, wherein the hCdc5 binding site nucleic acid is SEQ ID NO:15.

Claim 69 (previously presented): The vector of claim 51, wherein the hCdc5 binding site nucleic acid is SEQ ID NO:16.

Claim 70 (previously presented): The vector of claim 51, wherein the hCdc5 binding site nucleic acid is SEQ ID NO:20.

Claim ~~71~~ 31 (previously presented): The vector of claim ~~51~~ 1, wherein the hCdc5 binding site nucleic acid is SEQ ID NO:21.

Claim ~~72~~ 34 (previously presented): The vector of claim ~~51~~ 1, wherein the hCdc5 binding site nucleic acid is SEQ ID NO:22 .

Claim ~~73~~ 41 (previously presented): The vector of claim ~~51~~ 1, wherein the hCdc5 binding site nucleic acid is SEQ ID NO:27.

Claim ~~74~~ 8 (new): The vector of claim ~~66~~ 6, wherein said protein of interest is a reporter protein.

Claim ~~75~~ 13 (new): The vector of claim ~~67~~ 11, wherein said protein of interest is a reporter protein.

Claim ~~76~~ 18 (new): The vector of claim ~~68~~ 16, wherein said protein of interest is a reporter protein.

Claim ~~77~~ 23 (new): The vector of claim ~~69~~ 21, wherein said protein of interest is a reporter protein.

Claim ~~78~~ 28 (new): The vector of claim ~~70~~ 24, wherein said protein of interest is a reporter protein.

Claim ~~79~~ 33 (new): The vector of claim ~~71~~ 31, wherein said protein of interest is a reporter protein.

Claim ~~80~~ 38 (new): The vector of claim ~~72~~ 36, wherein said protein of interest is a reporter protein.

Claim ~~81~~ 43 (new): The vector of claim ~~73~~ 41, wherein said protein of interest is a reporter protein.

Claim ~~82~~ 7 (new): A method of expressing a protein of interest in a cell which expresses hCdc5 comprising:

introducing the vector of claim ~~66~~ 6 into said cell under conditions in which the hCdc5 expressed in said cell activates the transcription of said coding sequence for said protein of interest.

Claim ~~83~~ 12 (new): A method of expressing a protein of interest in a cell which expresses hCdc5 comprising:

introducing the vector of claim ~~67~~ 11 into said cell under conditions in which the hCdc5 expressed in said cell activates the transcription of said coding sequence for said protein of interest.

Claim ~~84~~ 17 (new): A method of expressing a protein of interest in a cell which expresses hCdc5 comprising:

introducing the vector of claim ~~68~~ 12 into said cell under conditions in which the hCdc5 expressed in said cell activates the transcription of said coding sequence for said protein of interest.

Claim ~~85~~ 22 (new): A method of expressing a protein of interest in a cell which expresses hCdc5 comprising:

introducing the vector of claim ~~69~~ 21 into said cell under conditions in which the hCdc5 expressed in said cell activates the transcription of said coding sequence for said protein of interest.

Claim ~~86~~ 27 (new): A method of expressing a protein of interest in a cell which expresses hCdc5 comprising:

introducing the vector of claim ~~70~~ 24 into said cell under conditions in which the hCdc5 expressed in said cell activates the transcription of said coding sequence for said protein of interest.

Claim ~~87~~ 32 (new): A method of expressing a protein of interest in a cell which expresses hCdc5 comprising:

introducing the vector of claim ~~71~~ 31 into said cell under conditions in which the hCdc5 expressed in said cell activates the transcription of said coding sequence for said protein of interest.

Claim ~~88~~ 37 (new): A method of expressing a protein of interest in a cell which expresses hCdc5 comprising:

introducing the vector of claim ~~72~~ 34 into said cell under conditions in which the hCdc5 expressed in said cell activates the transcription of said coding sequence for said protein of interest.

Claim ~~89~~ 42 (new): A method of expressing a protein of interest in a cell which expresses hCdc5 comprising:

introducing the vector of claim ~~73~~ 41 into said cell under conditions in which the hCdc5 expressed in said cell activates the transcription of said coding sequence for said protein of interest.

Claim ~~90~~ 9 (new): A method for detecting the presence of hCdc5 in a cell comprising:

introducing the vector of claim ~~74~~ 8 into said cell and detecting the expression of said reporter protein.

Claim ~~91~~ 14 (new): A method for detecting the presence of hCdc5 in a cell comprising:

introducing the vector of claim ~~75~~ 13 into said cell and detecting the expression of said reporter protein.

Claim ~~92~~ 19 (new): A method for detecting the presence of hCdc5 in a cell comprising:

introducing the vector of claim ~~76~~ 18 into said cell and detecting the expression of said reporter protein.

Claim ~~93~~ 24 (new): A method for detecting the presence of hCdc5 in a cell comprising:

introducing the vector of claim ~~77~~ 23 into said cell and detecting the expression of said reporter protein.

Claim ~~94~~ 29 (new): A method for detecting the presence of hCdc5 in a cell comprising:

introducing the vector of claim ~~78~~ 28 into said cell and detecting the expression of said reporter protein.

Claim ~~95~~ 34 (new): A method for detecting the presence of hCdc5 in a cell comprising:

introducing the vector of claim ~~79~~ 33 into said cell and detecting the expression of said reporter protein.

Claim ~~96~~ 39 (new): A method for detecting the presence of hCdc5 in a cell comprising:

introducing the vector of claim ~~80~~ 38 into said cell and detecting the expression of said reporter protein.

Claim ~~97~~ 44 (new): A method for detecting the presence of hCdc5 in a cell comprising:

introducing the vector of claim ~~81~~ 43 into said cell and detecting the expression of said reporter protein.

Claim ~~98~~ 10 (new): The method of claim ~~90~~ 9, wherein said reporter protein is luciferase.

Claim ~~99~~ 15 (new): The method of claim ~~91~~ 14, wherein said reporter protein is luciferase.

Claim ~~100~~ 20 (new): The method of claim ~~92~~ 19, wherein said reporter protein is luciferase.

Claim ~~101~~ 25 (new): The method of claim ~~93~~ 24, whercin said reporter protein is luciferase.

Claim ~~102~~ 30 (new): The method of claim ~~94~~ 29, wherein said reporter protein is luciferase.

Claim ~~103~~ 35 (new): The method of claim ~~95~~ 34, wherein said reporter protein is luciferase.

Claim ~~104~~ 40 (new): The method of claim ~~96~~ 39, wherein said reporter protein is luciferase.

Claim ~~105~~ 45 (new): The method of claim ~~97~~ 44, wherein said reporter protein is luciferase.